

Devianshi Goyal

+1 (602) 791-4327 | devianshig22@gmail.com | <https://www.linkedin.com/in/devianshig/> | <https://github.com/coderG13> | <https://devianshigoyal.com/>

EDUCATION

Bachelor of Science in Computer Science
Arizona State University

Expected **May 2026**
Tempe, AZ

TECHNICAL SKILLS

Programming Languages: Python, C, C++, C#, Java, MATLAB, JavaScript, Scheme, HTML, CSS, SQL, Linux, Bash Scripting

Library/Framework: JavaFX, Crypto, Animate.css, Wow.js, Bootstrap, Node.js, Django, React, Pandas, Flask, Firebase SDK

Web Development: REST APIs, Responsive design, Asynchronous JavaScript, DOM Manipulation, Authentication & Authorization, API Integration

Tools: Git, GitHub, Pycharm, Eclipse, Visual Studio, VSCode, Arduino, Bash, Jira, PostgreSQL, Docker, LLMs

Certifications: Udemy C Programming, Cloud Computing, Ethical Hacking in IoT and Cyber Space

PROFESSIONAL EXPERIENCE

Technology Consultant

July 2024 – Present

LX Space Success at Arizona State University

Tempe, AZ

- **Provide technical guidance for 500+ faculty and 20,000+ students**, ensuring **99.9% availability of emerging technology** across **120+ smart classrooms** by proactively maintaining mission-critical AV and instructional systems.
- **Created and implemented a comprehensive digital operations manual**, which lowered repeated technical issues by **30%** and accelerated troubleshooting workflows by **40%**.
- **Lead individualized and group training sessions for faculty**, leveraging strong **communication skills** to diagnose and resolve complex technical problems on-site, ensuring continuous improvement and seamless instructional delivery.

Software Development Intern

May 2025 – Aug. 2025

Gurus of Web Technologies Pvt. Ltd.

Remote

- **Engineered a modular, object-oriented Flask REST API** featuring PostgreSQL, JWT authentication, applying strong **problem-solving** skills to design structured service layers and boost backend reliability by **40%** through PyTest-driven testing and systematic error-handling.
- **Developed a full-stack task management system** using Jinja2, Bootstrap, and JavaScript, enabling **10+ team members** to track deadlines, priorities, and sprint status in real time, increasing sprint execution efficiency by **25%**.
- **Optimized database performance and API response times** by refactoring query logic, implementing index-based lookups, and introducing caching strategies, resulting in a **35% faster** average endpoint response time and smoother user experience.

Technical Intern - Business Support Systems

Oct. 2021 – July 2022

Krishna Steel Udyog

Haryana, India

- **Streamlined inventory and supply chain tracking** in a mid-scale aluminum manufacturing unit by **automating manual workflows using Python, Pandas, and spreadsheet scripting**, reducing reporting time by **50%** and improving data consistency.
- **Designed and deployed a modern product website** using **HTML, CSS, and JavaScript**, enabling **online product showcasing and order placement**, which improved business reach and facilitated digital sales processing for the first time in company history.

PROJECTS

Foxhole Lounge - Mobile App

Aug. 2025 – Present

- **Architected scalable posting and authentication flows** for a social platform serving **500+ U.S. veterans**, integrating **Flutter, Firebase Auth, and Firestore** to support real-time content sharing, comments, and profile interactions; **boosted component efficiency by 60%** via modular code structure and optimized **Bloc state logic**, collaborating in a **team of 4** using **Git, GitHub, Agile, and Jira** to ensure reliable, community-driven feature rollouts.

Discord Meme Bot - Python Application

Sep. 2025

- Built an **async Python Discord bot** using **REST API integration** and non-blocking event loops to enable **real-time interactions** for **60+ concurrent users**, improving responsiveness and engagement in meme-sharing communities.

Custom Search Engine with Exa

April 2025

- **Designed and deployed a scalable full-stack semantic search engine** using **Python, Flask, and Exa API**, delivering **high-precision results (~35% accuracy improvement)** across **4+ domains** (TikTok, Wikipedia, Twitter, Docs) via **custom ranking logic, domain-specific filters, and structured metadata extraction**. **Streamlined backend pipelines** and **optimized JSON workflows** to cut query latency by **~40%**, enabling **real-time responses** under 300ms and supporting production-grade performance.

LEADERSHIP

Event Coordinator, Punjabi Student Association (PSA)

Oct. 2025 – Present

Elemental Member, American Association for the Advancement of Science (AAAS)

Jan. 2025 – Present